



**SPECIALIZED
STUDY PROGRAM**

LEAN SIX SIGMA

*START HERE FOR
BETTER OPERATIONS*

Discover how to streamline workflows, optimize productivity, and eliminate waste at work.

- Learn the history of Lean Six Sigma and its real-world application to various departments and industries
- Understand key principles, including value stream mapping, 5-S improvement, set-up reduction, rapid improvement methods, and more
- Determine methods for applying the Lean Six Sigma principles for process stabilization, variance reduction, risk assessment, and more

Streamline your future. Enroll now.

extension.ucr.edu

UCR | Extension
Professional Studies

SPECIALIZED STUDY PROGRAM IN
LEAN SIX SIGMA
ONLINE PROGRAM

“I am aware of the criticality of teaching to accommodate the appropriate learning methods. I use a combination of styles in the classroom, integrating my relevant life experiences into the discussions. Students relate better to real-time events rather than just textbook theory. Combining textbook theory and group discussion provides an effective teaching methodology for my students.”

— Linda Mckean
Management Consultant
Cathedral City, CA



Extension
Professional Studies

STREAMLINE FOR SHARED SUCCESS

Take an active role in the refinement of your organization’s workflow and performance measurement with Lean Six Sigma. This focused program combines Lean and Six Sigma methodologies to yield an approach that minimizes waste while improving quality control—a solution that you can take anywhere.

Understand first, the history and basics of Lean Six Sigma, and then dive into its applicability to a number of fields, including government, the service industry, manufacturing, and education. Learn how process flow, value stream mapping, Kaizen events, and more, coordinate to produce measurable and reliable metrics. Further your foundational knowledge with process stabilization, value stream mapping, set-up reduction, and rapid improvement methods. Take your foundation from concept to practice using a real or work project. Learn about the importance of DMAIC—Define, Measure, Analyze, Improve and Control. Immediately apply your new skillset and perspective to your work environment, and start your team or department on a path that some of the most efficient and successful global companies have already taken.

WHAT YOU’LL LEARN

- History and fundamentals of Lean Six Sigma and how it can be applied to various workforces
- Key principles and elements, including the visual workplace, 5-S improvement, set-up reduction, rapid improvement methods, and DMAIC
- Project planning and definition; visual controls implementation; performance measurement, metrics, implementation, and analysis; problem solving tools; and mistake proofing
- Real-world application of these principles and skills using either a real or work project

WHO CAN BENEFIT

This program is designed for professionals and managers involved in operations or process flow improvement in any industry. This includes managers, line supervisors, business analysts, business consultants, and functional leaders. Those who want to incorporate Lean Six Sigma practices into their workplace, or transition into a role in operations or process flow improvement, are also encouraged to enroll.

ADMISSION

Take individual courses or fulfill all of the requirements to complete your UCR Extension program. Whichever you choose, you will gain the personal power that comes through learning new skills. Be assured that you are receiving education that is backed by the UC tradition of excellence.

HOW TO EARN THIS AWARD

Individuals must complete a total of 6 quarter units, with a grade of C or better.

LEAN PRINCIPLES AND PRACTICE 3 UNITS

LEAN SIX SIGMA MINDSET 3 UNITS

- This program can typically be completed within 3 months.

PROGRAM INFORMATION

Prices, requirements and courses are subject to change. For the most up-to-date information:
Phone: 951.827.4105
Email: prodev@ucx.ucr.edu
Website: extension.ucr.edu

VERSION 04.2020